

***Remarks***

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendment, claims 10-25, 27-29, 31 and 32 are pending in the application, with 10, 17, 18, and 28 being the independent claims. Claims 10, 17, 18, and 28 have been amended. These changes are believed to introduce no new matter, and their entry is respectfully requested.

Based on the above amendment and the following remarks, Applicant respectfully requests that the Examiner reconsider all outstanding rejections and that they be withdrawn.

***Rejections Under 35 U.S.C. § 103***

Claims 10-25, 27, 31, and 32 were rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over U.S. Patent No. 6,721,279 to Zhang *et al.* ("Zhang") in view of U.S. Patent No. 6,301,296 to Krishnan *et al.* ("Krishnan"). Claims 28 and 29 were rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Zhang *et al.* in view of Krishnan *et al.* and in further view of U.S. Patent No. 5,852,630 to Langberg *et al.* ("Langberg"). Applicant respectfully traverses this rejection.

Claim 10 is sought to be amended to include the feature of an impairment compensation sequence including N phases, "wherein the N phases are grouped into a set of characteristic groups according to the effects of periodic impairments present in the N phases." Support for the amendment can be found, e.g., on page 26, lines 12-16 and page 27, lines 16-26 of the present application. Zhang *et al.* fails to teach or suggest at least the above noted feature of claim 10. Similarly, Krishnan *et al.* fails to teach or

suggest this feature of claim 10. Because this feature is not disclosed in Zhang *et al.* or Krishnan *et al.*, claim 10, as amended, is patentable over these references.

Claims 17, 18, and 28 have been amended similarly to claim 10 and therefore are allowable for the same reasons as above.

Claims 11-16, 19-25, 27, 29, and 31-32 are also in condition for allowance because they depend on an allowable base claim, and for the additional features that they contain.

***Conclusion***

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Robert Sokohl  
Attorney for Applicant  
Registration No. 36,013

Date: 11/5/07

1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600

743208\_1.DOC